

# Chrysomelid beetles of the subfamily Galerucinae from Thailand and Cambodia in the collections of the Royal Belgian Institute of Natural Sciences (Coleoptera: Chrysomelidae)

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## Abstract

A list of 101 species of chrysomelid beetles of the subfamily Galerucinae from Thailand and Cambodia combined is presented. Two new species from Cambodia are described and illustrated: *Monolepta kemboja*, n. sp., *Paleosepharia jolivetii*, n. sp. Eighteen species are new records for Thailand and 34 for Cambodia, and 6 species are new records for the Indochinese region: *Hyphaenia submetallica* JACOBY, *Monolepta lunata* GRESSITT & KIMOTO, *M. oculata* WEISE and *M. submarginata* WEISE (Thailand), *Monolepta xanthodera* CHEN and *Paleosepharia feae* (JACOBY) (Cambodia). Three new combinations are proposed: *Taumacera indica* (JACOBY), n. comb., *T. occipitalis* (LABOISSIÈRE) and *T. variceps* (LABOISSIÈRE).

**Key words:** Chrysomelidae, Galerucinae, Thailand, Cambodia, new records, new species.

## Introduction

Studies on Chrysomelidae from Thailand, Cambodia, Laos and Vietnam, collectively known as Indochina, were initiated by KIMOTO and GRESSITT (1979, 1981, 1982) and later, continued by KIMOTO (1989, 1998, 1999, 2000a, 2000b.). Among the 15 subfamilies of Chrysomelidae recorded from the region, Galerucinae (s. lat.) is the largest one and is represented by 382 species and 97 genera (KIMOTO 1989). Vietnam has the highest representation of Galerucinae and counts 68% of the total number of species in the region, followed by Thailand (54%), Laos (49%) and Cambodia, where only 17% of the species are recorded.

A majority of the galerucine species documented above were collected between 1960 and 1969. Recently, KIMOTO (2000a) described another two species of Galerucinae from Thailand, for specimens collected in 1962 (7 specimens), 1965 (12) and 1983 (1). There is obviously a big gap in the number of specimens collected between the middle of the sixties and year 2000. It is clear that there is a great need for further

collecting of specimens in order to pertinently document biodiversity of Indochina. In the past, an expedition to the region was made difficult due to logistic, political and security reasons. Since 2000, entomologists of the Royal Belgian Institute of Natural Sciences (Brussels, Belgium) (RBINS) have conducted series of expeditions to survey the entomofauna from Thailand (mainly at the Field Research Station (FIRS) of the Srinakharinwirot University, in Na Haeo) and Cambodia. This paper presents part of the survey, dealing with the subfamily Galerucinae of the Chrysomelidae.

## Materials and Methods

Chrysomelid beetle specimens were collected using various methods, such as sweep nets, malaise traps and light traps. Specimens were pinned, dried and labeled. In the course of identifying the specimens, several major monographs were referred (GRESSITT & KIMOTO 1963; MAULIK 1936; KIMOTO 1989). Materials examined in this study are deposited in the collection of the RBINS, with some duplicates in the collection of the Centre for Insect Systematics, Universiti Kebangsaan Malaysia, Bangi (UKM). Holotypes designated in this study are deposited in RBINS.

## Results and Discussion

As a result of this study, 101 species were identified: 82 from Thailand and 57 from Cambodia. Two new species are described from Cambodia, while 18 species are recorded for the first time from Thailand and 34 from Cambodia, respectively. Six species among the new records for both Thailand and Cambodia are also new records for the Indochinese region. These species are *Hyphaenia submetallica* JACOBY, *Monolepta*

*lunata* GRESSITT & KIMOTO, *M. oculata* WEISE and *M. submarginata* WEISE, which are recorded from Thailand and *M. xanthodera* CHEN and *Paleosepharia feae* (JACOBY) from Cambodia. Three new combinations are here proposed: *Taumacera indica* (JACOBY), **n. comb.**; *T. occipitalis* (LABOISSIÈRE), **n. comb.**; and *T. variceps* (LABOISSIÈRE), **n. comb.** All the three species were formerly under the genus *Platyxantha* BALY. According to REID (1999), there is no justification to separate *Taumacera* from *Platyxantha* based on a single secondary character. The only external difference between them is that the males of *Taumacera* have the third antennal segment swollen, whereas antennae of *Platyxantha* are simple, or have other segments modified. Photographs of the new species, new records for Indochina and new combinations are here presented.

To date, the number of species of Galerucinae reported from Cambodia represented only 17% of the total number of species known from the Indochinese region (KIMOTO 1989), the lowest compared to the other three countries of the region. Although another 36 species are added to the list for Cambodia, which amounts to 24% of the total number, it does not change the position of the country representing the lowest number of Galerucinae in Indochina. It could not be ascertained whether Cambodian poor representation is due to the size of the country, which is the smallest compared to other three countries in the region. Maybe a better hypothesis is that the country has been poorly collected due to political troubles and the fact that most of the forests in the country are not accessible for fear of landmines. Survey can only be securely carried out in forests which are guaranteed free from landmines.

## Taxonomy

### *Monolepta kemboja*, n. sp.

(Plate 1 A)

ETYMOLOGY: The name of the new species, *kemboja*, is derived from the word Cambodia.

DIAGNOSIS: The new species differs from other known species of *Monolepta* in having elytra black with a typical shape of undulate yellowish stripes along the middle. *M. oculata* WEISE (Plate 2A) differs from the new species in having elytra with straight yellowish markings along the middle, pronotum yellowish, hind tibia and tarsus black.

DESCRIPTION: Oblong elongate, subparallel-sided. Head, antennae, mandibles, maxillary palpi black. Pronotum yellowish. Scutellum black. Elytra black in basal one-fifth, apical one-eighth and along lateral and sutural margins, and with undulate yellowish stripes along the middle. Prosternum brownish, meso- and metasternum black. Abdomen brownish, except apical tergite and sternite black. Legs yellowish, with tibiae and tarsi brownish.

Head with vertex smooth, shiny; frontal tubercles triangular, moderately raised; labrum transverse, truncate at apex; maxillary palpi long, penultimate segment swollen, apical segment pointed at apex. Antennae filiform, moderately long, extended to middle of elytra; antennomere 1 longest, club-shaped; antennomeres 2 and 3 short, subequal in length; antennomeres 4-10 subequal in length, 1.5 times as long as 3; antennomere 11 longer than 10, pointed; interantennal space twice as broad as antennal socket. Eyes prominent, with interocular space twice as broad as transverse diameter of eye; distance across eyes as broad as anterior margin of pronotum. Pronotum transverse, twice as broad as long, widest at middle, convex from side to side, shiny; anterior border unmarginated, lateral and posterior borders margined; anterior margin rather straight, lateral margins rounded, posterior margin rounded posteriorly; pronotal angles with seta-bearing pores; surface densely impressed with fine punctures. Scutellum triangular, as long as broad, smooth, shiny. Elytra slightly broader posteriorly, rounded at apex; surface moderately convex, transversely depressed subbasally, densely impressed with small punctures; epipleuron broad in basal one-fourth, abbreviated then gradually narrowed and disappeared at apical half. Legs long, slender; metatibia with a long spine at apex; metatibia 1.5 times as long as metatarsus; metatarsus with first segment 1.5 times as long as remaining segments combined; tarsal claws appendiculate. Ventral surface densely covered with short pubescence. Procoxal cavities closed posteriorly. Pygidium exposed, rounded at apex. Body length: 2.8-3.0 mm.

Male. Unknown.

TYPES: Holotype. Female. Cambodia: Siem Reap, 8 Km North of Sre Noi, road to Anlong Vaeng, light trap, 29.v.2003, J. Constant & K. Smets. Paratypes. Same data, 4 specimens.

***Paleosepharia joliveti*, n. sp.**  
(Plate 1 B-F)

ETYMOLOGY: The new species, *joliveti*, is named after Dr. Pierre Jolivet, a well known chrysomelid worker.

DIAGNOSIS: *Paleosepharia joliveti*, n. sp. differs from *P. tenasserimensis* (MAULIK) [Plate 1G] in having pronotum entirely brownish, without black margins, elytra with basal, lateral and one-fifth sutural margins broadly black, the apical one-fourth black, with extreme reddish brown; male with elytral cavities broad, oval-shaped, moderately deep, apical sternite with median lobe broadly, deeply concave, truncate at apex, and female with apical sternite deeply emarginate, with short lobe in middle.

DESCRIPTION: Oblong elongate, parallel-sided. Head with labrum and maxillary palpi brownish, fronto-clypeal area yellowish, vertex dark brown. Antennae blackish, with three basal antennomeres brownish. Pronotum entirely brownish. Scutellum black. Elytra brownish, with lateral, basal and one-fifth sutural margins broadly black, apical one-fourth black, with reddish brown extreme. Meso- and metathorax black. Legs brownish, with tibiae and tarsi blackish. Abdomen yellowish except apical tergite and sternite reddish brown.

Head with vertex convex, smooth, finely punctuate; frontal tubercles triangular, strongly raised, transversely grooved behind; clypeus moderately, triangularly raised; labrum transverse, truncate at apex; maxillary palpi long, penultimate segment swollen, apical segment pointed at apex. Antennae filiform, long, extended to apex of elytra; antennomere 1 longest, slightly longer than 2 and 3 combined, club-shaped; antennomere 2 shortest; antennomere 3 twice as long as 2; antennomere 4 1.25 times as long as 3; antennomeres 4 to 7 subequal in length, slightly longer than 3; antennomeres 8 to 11 subequal in length, slightly shorter than 7; antennomere 11 pointed at apex; interantennal space as broad as antennal socket. Eyes prominent, with interocular space 1.3 times as broad as transverse diameter of eye; distance across eyes nearly as broad as anterior border of pronotum. Pronotum transverse, 1.8 times as broad as long, widest at middle, convex from side to side, shiny; anterior border unmargined, lateral and posterior borders margined; anterior margin concave, lateral margins slightly rounded, posterior margin moderately rounded posteriorly; anterior angles thickened, posterior angle obtuse; pronotal angles with seta-bearing pores; surface densely impressed with small punctures. Scutellum triangular, as long as broad, finely punctuate,

shiny. Elytra with apex truncate; surface rugose, densely impressed with moderately large punctures; epipleuron broad, concave, gradually narrowed towards apex and disappeared at tip; elytral cavity broad, oval-shaped, moderately deep, with posterior border elevated. Legs long, slender; metatibia with long spine at apex; metatarsus nearly as long as metatibia, with first segment 1.5 times as long as the remaining segments combined; tarsal claws appendiculate. Ventral surface densely covered with short pubescence. Procoxal cavities closed posteriorly. Abdomen with apical sternite three times as long as precedent sternite, deeply cleft, trilobed, and with a short groove in middle; median lobe oblong, with surface broadly, deeply concave. Pygidium exposed, rounded at apex.

Body length 3.5 mm.

Female. Elytra strongly depressed behind scutellum, without cavities (Plate 1E), apical sternite deeply emarginate, with a short lobe in middle (Plate 1F). Body length 3.8-4.0 mm.

TYPES: Holotype. Male. Cambodia: Siem Reap, Angkor Thom, forest, 9.vi.2005, Var & Haghebaert. Paratypes. Cambodia: Siem Reap, Angkor Thom, 29.vii.2004, P. Grootaert, 2 males; 8-9.vi.2005, Var & Haegebaert, female. Siem Reap, Kbal Spean, light trap, 28.v.2005, Var & Grootaert, male; 28.v.2005, Var & Grootaert, female.

## List of species

### 1. *Aplosonyx orientalis* (JACOBY)

SPECIMENS EXAMINED: THAILAND: Loei, Na Hao, river bank, 5.xii.2001, Constant & Grootaert, 2.

DISTRIBUTION. India, Myanmar, Thailand, Laos, Vietnam, Malaysia.

### 2. *Apophyllia epipleuralis* LABOISSIÈRE

SPECIMENS EXAMINED: THAILAND: Loei, Na Hao, edge pond, light trap, 17.v.2003, J. Constant & K. Smets, 2. CAMBODIA: Siem Reap, 28.iv.-4.v.2003, light trap, S. Degreef, 1. Siem Reap, road to Angkor, 22.v.2003, light trap, J. Constant & K. Smets, 2. 8 Km N of Sre Noi, road to Anlong Vaeng, 29-30.v.2003, dipteroc forest, J. Constant & K. Smets, 1.

REMARKS: New record for Cambodia.

DISTRIBUTION: Thailand, Cambodia, Vietnam, China.

### 3. *Apophyllia excavata* BRYANT

SPECIMEN EXAMINED: THAILAND: Loei, Na Hao, 17.v.2003, light trap, edge pond, J. Constant & K. Smets, 1.

DISTRIBUTION: India, Myanmar, Thailand, Malaysia.

### 4. *Apophyllia flavovirens* (FAIRMAIRE)

SPECIMENS EXAMINED: THAILAND: Loei, Na Hao, FIRS, 15-19.v.2003, light trap, J. Constant, K. Smets & P. Grootaert, 3. Na Hao, 17.v.2003, light trap, edge pond, J. Constant & K. Smets, 1.

DISTRIBUTION: Thailand, Laos, Vietnam, China.

### 5. *Apophyllia furcigera* CHUJO

SPECIMEN EXAMINED: THAILAND: Loei, Na Hao, FIRS, 5-12.v.2001, light trap, Constant & Grootaert, 1.

DISTRIBUTION: Thailand, Laos, Vietnam.

### 6. *Arthrotus melanocephalus* (JACOBY)

SPECIMENS EXAMINED: THAILAND: Loei, Na Hao, FIRS, 15-19.v.2003, light trap, J. Constant, K. Smets & P. Grootaert, 3. S. Thailand, Phuket Is., 15.vii.1976, Pauly, 1.

DISTRIBUTION: Thailand, Laos, Vietnam, Malaysia, Sumatra, Java.

### 7. *Aulacophora coffeae* (HORNSTEDT)

SPECIMEN EXAMINED: THAILAND: Kanchanaburi, 7.ix.1976, A. Pauly, 1.

DISTRIBUTION: India, Thailand, Cambodia, Laos, Vietnam, Malaysia, Sumatra, Java, Celebes, Philippines.

### 8. *Aulacophora cruenta* (FABRICIUS)

SPECIMENS EXAMINED: THAILAND: Loei, Na Hao, Chang Tok Waterfalls, 10.v.2001, Constant & Grootaert, 1. Na Hao, FIRS, secondary forest, 5-12.v.2001, Constant & Grootaert, 1.

DISTRIBUTION: India, Sri Lanka, Myanmar, Thailand, Laos, Vietnam, China, Philippines, Malaysia, Sumatra, Java, Celebes.

### 9. *Aulacophora frontalis* BALY

SPECIMENS EXAMINED: THAILAND: S. Thailand, Surat Thani, 27.viii.1976, A. Pauly, 1. CAMBODIA: Prek

Toal (Tonle Sap Lake), 27-28.v.2003, sweeping, J. Constant, K. Smets & P. Grootaert, 22 (RBINS), 4 (UKM); 6.vi.2005, I. Var, 2. Siem Reap, Sam Vaesna Center, 30.vi.-9.vii.2003, Malaise trap, Frederic Goes, 4; Sam Vaesna Center, Malaise trap, garden 28.v.-6.vi.2003, F. Goes, 2; 12-22.vii.2003, F. Goes, 1.

Siem Reap, WCS center, garden, 26-31.v.2003, Malaise trap, J. Constant, K. Smets & P. Grootaert, 10.

DISTRIBUTION: India, Sri Lanka, Thailand, Cambodia, Laos, Vietnam, China, Taiwan, Malaysia, Sumatra, Borneo, Java.

### 10. *Aulacophora indica* GMELIN

SPECIMENS EXAMINED: THAILAND: Loei, Na Hao, 5.xii.2001, J. Constant & P. Grootaert, 1. S. Thailand, Hat Yai, 29.vii. 1976, Pauly, 1; Patthalung, 16.7.1976, 1; Petchaburi, 3.ix.1976, A. Pauly, 1; Thap Sakae, 2.ix.1976, Pauly, 1; Surat Thani, 27.viii, Pauly, 1. Yala, 3.viii.1976, Pauly, 9. CAMBODIA: Angkor Thom, 23.v.2003, J. Constant, P. Grootaert & K. Smets, 2. Battambang, Prek Toal (Tonle Sap Lake), 27-28.v.2003, sweeping, J. Constant, K. Smets & P. Grootaert, 13 (RBINS), 4 (UKM); 6.vii.2005, I. Var, 8. Siem Reap, Sam Vaesna Center, 30.vi.-9.vii.2003, Malaise trap, Frederic Goes, 3. Siem Reap, WCS Center, garden, 26-31.v.2003, Malaise trap, J. Constant, K. Smets & P. Grootaert, 1.

DISTRIBUTION: India, Sri Lanka, Myanmar, Nepal, Thailand, Cambodia, Laos, Vietnam, China, Korea, Japan, Malaysia, Philippines, Sunda Islands, New Guinea, Micronesia, Samoa, Fiji.

### 11. *Aulacophora lewisii* BALY

SPECIMENS EXAMINED: THAILAND: S. Thailand, Yala, 3.viii.1976, Pauly, 3. Phetchaburi, 3.ix.1976, A. Pauly, 2. CAMBODIA: Battambang Province, Prek Toal (Tonle Sap Lake), 6.vii.2005, I. Var, 2.

DISTRIBUTION: India, Sri Lanka, Myanmar, Thailand, Cambodia, Laos, Vietnam, China, Taiwan, Japan, Malaysia, Sumatra, Java.

### 12. *Aulacophora semifusca* JACOBY

SPECIMEN EXAMINED: THAILAND: S. Thailand, Chumphon, 29.viii.1976, Pauly, 1.

DISTRIBUTION: India, Nepal, Myanmar, Thailand, Laos, Vietnam, China, Taiwan.



**13. *Calomicrus flavus* (JACOBY)**

SPECIMEN EXAMINED: THAILAND: Loei, Na Hao, 25.v.2000, P. Grootaert, 1.

DISTRIBUTION: Myanmar, Thailand, Laos, Vietnam.

**14. *Calomicrus persimilis* KIMOTO**

SPECIMEN EXAMINED: THAILAND: Loei, Na Hao, FIRS, 15-19.v.2003, light trap, J. Constant, K. Smets & P. Grootaert, 1.

REMARKS: New record for Thailand.

DISTRIBUTION: Thailand, Laos, Vietnam.

**15. *Cassena indica* (JACOBY)**

SPECIMENS EXAMINED: THAILAND: Loei, Na Hao, FIRS, 5-12.v.2001, secondary forest, Constant & Grootaert, 3 (RBINS), 1 (UKM).

DISTRIBUTION: Myanmar, Thailand.

**16. *Cerophysa coomani* LABOISSIÈRE**

SPECIMENS EXAMINED: THAILAND: S. Thailand, Chumphon, 29.viii.1976, A. Pauly, 2. CAMBODIA: Siem Reap, Angkor site, light trap, 13.v.2005, Var & Haghebaert, 1.

REMARKS: New record for Thailand and Cambodia.

DISTRIBUTION: Thailand, Cambodia, Laos, Vietnam.

**17. *Cerophysella basalis* (BALY)**

SPECIMEN EXAMINED: THAILAND: Loei, Na Hao, FIRS, 15-19.v.2003, light trap, J. Constant, K. Smets & P. Grootaert, 1.

DISTRIBUTION: Thailand, Vietnam, China, Japan.

**18. *Cerophysella viridipennis* (ALLARD)**

SPECIMENS EXAMINED: THAILAND: Loei, Na Hao, 25.v.2000, P. Grootaert, 1; 26.v.2000, P. Grootaert, 1. Na Hao National Park, 7.v.2001, Constant & Grootaert, 1. CAMBODIA: Kirirom N.P., light trap, pine forest, 21.iv.2005, Smets & Var, 4 (RBINS), 1 (UKM). 8 Km North of Sre Noi, road to Anlong Vaeng, light trap, 29.v.2003, J. Constant & K. Smets, 1.

DISTRIBUTION: Sri Lanka, Thailand, Cambodia, Laos, Vietnam.

**19. *Clitenella fulminans* (FALDERMANN)**

SPECIMENS EXAMINED: CAMBODIA: Phnom Kulen, 24-25.v.2003, J. Constant & K. Smets, 1. Siem Reap, Kbal Spean, 28-29.v.2005, I. Var & P. Grootaert, 1.

REMARKS: New record for Cambodia.

DISTRIBUTION: Cambodia, Vietnam, China, Taiwan.

**20. *Dercetina bretinghami* (BALY)**

SPECIMEN EXAMINED: CAMBODIA: Phnom Kulen, 24-25.v.2003, J. Constant & K. Smets, 1.

DISTRIBUTION: India, Nepal, Myanmar, Thailand, Cambodia, Laos, Vietnam.

**21. *Dercetina chiengmaica* KIMOTO**

SPECIMEN EXAMINED: THAILAND: Loei, Na Hao, 23.v.1998, P. Grootaert, 1.

DISTRIBUTION: Thailand.

**22. *Dercetina postica* BALY**

SPECIMEN EXAMINED: THAILAND: Loei, Na Hao, Chang Tok, waterfall, 18.v.2003, K. Smets, 1.

DISTRIBUTION: India, Myanmar, Thailand, Laos.

**23. *Dercetisoma concolor* (JACOBY)**

SPECIMENS EXAMINED: THAILAND: Kanchanaburi, Sai Yok N.P., 4-5.vi.2003, J. Constant & K. Smets, 1. CAMBODIA: 8 Km N of Sre Noi, road to Anlong Vaeng, 29-30.v.2003, dipteroc forest, J. Constant & K. Smets, 1. Phnom Bakheng, Malaise trap, 10-17.xi.2004, I. Var, 2. Siem Reap, Angkor Thom, 30.vii.2004, P. Grootaert, 1; 14-21.xii.2004, Malaise trap, I. Var, 1. Preah Kahn, Angkor Thom, 26.vii.2004, P. Grootaert, 1. Preah Kahn Temple, Malaise trap, 14-21.xii.2004, I. Var, 1; 1.vii.2005, I. Var, 3.

DISTRIBUTION: Myanmar, Thailand, Cambodia, Vietnam, Malaysia, Sumatra, Java.

**24. *Doryidella minor* KIMOTO**

SPECIMENS EXAMINED: THAILAND: Loei, Na Hao, secondary forest, 5.xii.2001, Malaise trap, Constant & Grootaert, 2. CAMBODIA: 8 Km N of Sre Noi, road to Anlong Vaeng, 29-30.v.2003, dipteroc forest, J. Constant & K. Smets, 1.

REMARKS: New record for Cambodia.

DISTRIBUTION: Thailand, Cambodia, Laos, Vietnam.

**25. *Doryidella pallida* (JACOBY)**

SPECIMENS EXAMINED: THAILAND: Loei, Na Hao, 24.v.1998, P. Grootaert, 1. Na Hao, FIRS, 5.v.2001, light trap, Constant & Grootaert, 2. Na Hao, forest clearing, 16.v.2003, light trap, J. Constant & K. Smets, 2. CAMBODIA: 8Km North of Sre Noi, road to Anlong Vaeng, light trap, 29.v.2003, J. Constant & K. Smets, 1.

REMARKS: New record for Cambodia.

DISTRIBUTION: Myanmar, Thailand, Cambodia, Laos, Vietnam.

**26. *Emathea subcaerulea* (JACOBY)**

SPECIMEN EXAMINED: THAILAND: Loei, Na Hao, FIRS, 15-19.v.2003, light trap, J. Constant, K. Smets & P. Grootaert, 1.

DISTRIBUTION: India, Myanmar, Thailand, Vietnam.

**27. *Eumelepta biplagiata* JACOBY**

SPECIMEN EXAMINED: THAILAND: Loei, Na Hao, secondary forest, 5-12.v.2001, Malaise trap, Constant & Grootaert, 1.

DISTRIBUTION: Myanmar, Thailand, Laos, Vietnam, Malaysia, Sumatra.

**28. *Fleutiauxia violaceipennis* KIMOTO**

SPECIMENS EXAMINED: CAMBODIA: Prek Toal, Tonle Sap Lake, 27.v.2003, light trap, J. Constant, K. Smets & P. Grootaert, 2.

REMARKS: New record for Cambodia.

DISTRIBUTION: Cambodia, Laos.

**29. *Galerucella placida* BALY**

SPECIMENS EXAMINED: THAILAND: Loei, Na Hao, 17.v.2003, light trap, edge pond, J. Constant & K. Smets, 1.

DISTRIBUTION: Afghanistan, Pakistan, India, Nepal, Myanmar, Thailand, Laos, Vietnam, China, Korea, Japan, Malaysia, Sumatra, Java.

**30. *Gallerucida balyi* (DUVIVIER)**

SPECIMEN EXAMINED: THAILAND: Loei, Na Hao, 31.v.-6.vi.1999, P. Grootaert, 1.

DISTRIBUTION: Thailand, Laos, Vietnam, India, Myanmar, Malaysia.

**31. *Gallerucida ornatipennis* (DUVIVIER)**

SPECIMEN EXAMINED: CAMBODIA: Angkor Thom, 23.v.2003, J. Constant, K. Smets & P. Grootaert, 1.

REMARKS: New record for Cambodia.

DISTRIBUTION: Cambodia, Vietnam, China.

**32. *Haplosomoides costatus* BALY**

SPECIMEN EXAMINED: THAILAND: Rayong, Ko Samed Island, 28.iii.2001, secondary forest, P. Grootaert, 1.

DISTRIBUTION: Thailand, Vietnam, China, Taiwan.

**33. *Haplosomoides flavus* LABOISSIÈRE**

SPECIMENS EXAMINED: THAILAND: Loei, Na Hao, Khiring Tok, 19.v.2003, P. Grootaert, 1. CAMBODIA: Angkor Thom, 23.v.2003, sweeping, J. Constant, K. Smets & P. Grootaert, 2. Phnom Kulen, 24-25.v.2003, J. Constant & K. Smets, 1. Siem Reap, Angkor site, light trap, 13.v.2005, Var & Haghebaert, 1.

REMARKS: New record for Cambodia.

DISTRIBUTION: Thailand, Cambodia, Laos, Vietnam, Malaysia.

**34. *Hoplasoma unicolor* (ILLIGER)**

SPECIMENS EXAMINED: THAILAND: S. Thailand, Chumpon, 29.viii.1976, Pauly, 1. Ranong, 12.vii.1976, Pauly, 1.

DISTRIBUTION: India, Nepal, Myanmar, Thailand, Laos, Vietnam, China, Malaysia, Sumatra, Java, Borneo, Philippines.

**35. *Hoplosaenidea coomani* (LABOISSIÈRE)**

SPECIMEN EXAMINED: THAILAND: Loei, Na Hao, 26.v.2000, P. Grootaert, 1.

REMARKS: New record for Thailand.

DISTRIBUTION: Thailand, Laos, Vietnam.

**36. *Hoplosaenidea cornuta* (LABOISSIÈRE)**

SPECIMENS EXAMINED: CAMBODIA: 8 Km N of Sre Noi, road to Anlong Vaeng, light trap, 29.v.2003, J. Constant & K. Smets, 1; 29-30, dipteroc forest, J. Constant & K. Smets, 1.

REMARKS: New record for Cambodia.

DISTRIBUTION: Cambodia, Vietnam.

**37. *Hoplosaenidea lutea* (LABOISSIÈRE)**

SPECIMEN EXAMINED: THAILAND: S. Thailand, Yala, 3.viii.1976, Pauly, 1.

DISTRIBUTION: Thailand, Cambodia, Laos, Vietnam.

**38. *Hyphaneia antennalis* KIMOTO**

SPECIMENS EXAMINED: THAILAND: Loei, Na Hao, FIRS, 15-19.v.2003, light trap, J. Constant, K. Smets & P. Grootaert, 2. Na Hao, edge pond, light trap, 17.v.2003, J. Constant & K. Smets, 1.

DISTRIBUTION: Thailand, Laos.

**39. *Hyphaenia maculata* KIMOTO**

SPECIMEN EXAMINED: THAILAND: Rayong, Ko Samed Island, 28.ii.2001, secondary forest, P. Grootaert, 1.

REMARKS: New record for Thailand.

DISTRIBUTION: Thailand, Laos.

**40. *Hyphaenia minor* KIMOTO**

SPECIMEN EXAMINED: THAILAND: Loei, Na Hao Chang Tok, 17.v.2003, P. Grootaert, 1.

REMARKS: New record for Thailand.

DISTRIBUTION: Thailand, Vietnam.

**41. *Hyphaenia nigricornis* KIMOTO**

SPECIMENS EXAMINED: THAILAND: Loei, Na Hao, Malaise trap, 24-30.iv.2000, J. Constant & P. Grootaert, 1. Na Hao, FIRS, 5-12.v.2001, secondary forest, Constant & Grootaert, 2. Na Hao, FIRS, 15-19.v.2003, light trap, J. Constant & K. Smets, 4 (RBINS), 2 (UKM). Na Hao, light trap, river bank, 15.v.2003, P. Grootaert, J. Constant & K. Smets, 2. 17.v.2003, J. Constant & K. Smets, 1. Rayong, Ko Samet, 17.v.2000, P. Grootaert, 1; 20.v.2000, P. Grootaert, 1. CAMBODIA: Angkor Thom, 23.v.2003, sweeping, J. Constant, K. Smets & P. Grootaert, 2. Angkor, Preah Kahn, Temple, 31.v.2003, light trap, J. Constant & K. Smets, 1. Phnom Kulen, 24-25.v.2003, J. Constant & K. Smets, 1. 8Km North of Sre Noi, road to Anlong Vaeng, light trap, 29.v.2003, J. Constant & K. Smets, 1.

REMARKS: New record for Cambodia.

DISTRIBUTION: Thailand, Cambodia, Laos, Vietnam.

**42. *Hyphaenia submetallica* JACOBY**  
(Plate 1 H)

SPECIMEN EXAMINED: THAILAND: Loei, Na Hao,

FIRS, 5-12.v.2001, secondary forest, J. Constant & P. Grootaert, 1.

REMARKS: New record for Thailand.

DISTRIBUTION: Thailand, Myanmar.

**43. *Laosixantha fulva* KIMOTO**

SPECIMEN EXAMINED: CAMBODIA: Siem Reap, Preah Kahn Temple (Angkor), Malaise trap, 14-21.xii.2004, I. Var, 1.

REMARKS: New record for Cambodia.

DISTRIBUTION: Laos, Cambodia.

**44. *Liroetiella tibialis* KIMOTO**

SPECIMENS EXAMINED: THAILAND: Loei, Na Hao, 23.v.1998, P. Grootaert, 1; 24.v.1998, P. Grootaert, 1.

DISTRIBUTION: Thailand, Laos.

**45. *Medythia siamensis* KIMOTO**

SPECIMEN EXAMINED: CAMBODIA: Banteay Mean Chay, Ang Trapeang Thmor, light trap, 18.vi.2005, Var & Haghebaert, 1.

REMARKS: New record for Cambodia.

DISTRIBUTION: Thailand, Cambodia.

**46. *Medythia suturalis* (MOTSCHULSKY)**

SPECIMENS EXAMINED: THAILAND: Loei, Na Hao, FIRS, 15-19.v.2003, light trap, J. Constant, K. Smets & P. Grootaert, 1. CAMBODIA: Siem Reap, light trap, 25-27.iv.2003, S. Degreef, 2; 28.iv.2003, light trap, S. Degreef, 1. Siem Reap, road to Angkor, 22.v.2003, light trap, J. Constant & K. Smets, 59 (RBINS), 4 (UKM). Siem Reap, 22.v.2003, light trap, J. Constant, K. Smets & P. Grootaert, 5. Siem Reap, 23.v.2003, light trap, K. Smets & J. Constant, 1; 25.v.2005, light trap, J. Constant & K. Smets, 1. Siem Reap, Angkor Thom, 26.v.2003, J. Constant, K. Smets & P. Grootaert, 1. Prek Toal, light trap, 27.vii.2004, P. Grootaert, 1.

DISTRIBUTION: India, Myanmar, Thailand, Cambodia, Laos, Vietnam, China, Taiwan, Malaysia, Sumatra, Java, Philippines, Celebes.

**47. *Mimastra gracilicornis* JACOBY**

SPECIMEN EXAMINED: CAMBODIA: Siem Reap, Kbal Spean, 28.v.2005, I. Var & P. Grootaert, 1.

REMARKS: New record for Cambodia.

DISTRIBUTION: Myanmar, Thailand, Cambodia, Laos, Vietnam.

**48. *Monolepta annamita* LABOISSIÈRE**

SPECIMENS EXAMINED: THAILAND: Loei, Na Hao, 23.v.2000, P. Grootaert, 5; 25.v.2000, P. Grootaert, 4. Na Hao, 5-12.v.2001, secondary forest, Malaise trap, Constant & Grootaert, 3. Na Hao, FIRS, 15-19.v.2003, light trap, J. Constant, K. Smets & P. Grootaert, 4. Na Hao, 29.iv.-6.v.2001, Malaise trap, Constant & Grootaert, 1. Na Hao, FIRS, 16.v.2003, P. Grootaert, 1. Na Hao, Chang Tok, 17.v.2003, P. Grootaert, 2. Na Hao, Malaise trap, 22.v.2003, P. Grootaert, 1; 29.v.-5.vi.2003, P. Grootaert, 1. Na Hao, forest clearing, light trap, 16.v.2003, J. Constant & K. Smets, 1. South Thailand, Rayong, 12.vi.1976, Pauly, 1. CAMBODIA: 8Km North of Sre Noi, road to Anlong Vaeng, light trap, 29.v.2003, Constant & Smets, 116 (RBINS), 6 (UKM). Preah Khan Temple, 31.v.2003, light trap, J. Constant & K. Smets, 2. Kbal Spean (ACCB), Phnom Kulen N. P., 24.vi.2004, P. Grootaert, 1.

REMARKS: New record for Cambodia.

DISTRIBUTION: Thailand, Cambodia, Laos, Vietnam.

**49. *Monolepta atrimarginata* KIMOTO**

SPECIMEN EXAMINED: THAILAND: Loei, Na Hao, FIRS, 15-19.v.2003, light trap, J. Constant, K. Smets & P. Grootaert, 1.

REMARKS: New record for Thailand.

DISTRIBUTION: Thailand, Laos.

**50. *Monolepta azumai* KIMOTO**

SPECIMEN EXAMINED: CAMBODIA: 8 Km N of Sre Noi (road to Anlong Vaeng), 29.v.2003, light trap, J. Constant & K. Smets, 1.

REMARKS: New record for Cambodia.

DISTRIBUTION: Thailand, Cambodia.

**51. *Monolepta bifasciata* (HORNSTEDT)**

SPECIMENS EXAMINED: CAMBODIA: Prek Toal, Tonle Sap Lake, 27.v.2003, light trap, J. Constant, K. Smets & P. Grootaert, 3 (RBINS), 1 (UKM).

DISTRIBUTION: India, Sri Lanka, Thailand, Cambodia, Laos, Malaysia, Sumatra, Java, Philippines, New Guinea.

**52. *Monolepta cavipennis* BALY**

SPECIMENS EXAMINED: CAMBODIA: Phnom Kulen, 24-25.v.2003, J. Constant & K. Smets, 2 (RBINS) 1 (UKM). Siem Reap, Angkor Thom, 25.vii.2004, P.

Grootaert, 1.

DISTRIBUTION. India, Thailand, Cambodia, Laos, Vietnam, China.

**53. *Monolepta dalatica* KIMOTO**

SPECIMENS EXAMINED: CAMBODIA: Siem Reap, Angkor Thom, 30.vii.2004, P. Grootaert, 3 (RBINS), 1 (UKM). Preah Khan, Angkor Thom, 26.vii.2004, P. Grootaert, 1.

REMARKS: New record for Cambodia.

DISTRIBUTION: Thailand, Cambodia, Vietnam.

**54. *Monolepta duodecimmaculata* (JACOBY)**

SPECIMENS EXAMINED: CAMBODIA: Prek Toal, Tonle Sap Lake, 27.v.2003, light trap, J. Constant, K. Smets & P. Grootaert, 2 (RBINS), 1 (UKM); 3.vii.2003, malaise trap, F. Goes, 1.

REMARKS: New record for Cambodia.

DISTRIBUTION: Myanmar, Cambodia, Laos.

**55. *Monolepta exigua* KIMOTO**

SPECIMENS EXAMINED: CAMBODIA: 1. Prek Toal, Tonle Sap Lake, 27.v.2003, light trap, J. Constant, K. Smets & P. Grootaert, 1.

REMARKS: New record for Cambodia.

DISTRIBUTION: Cambodia, Vietnam.

**56. *Monolepta flavovittata* CHEN**

SPECIMEN EXAMINED: CAMBODIA: 8 Km North of Sre Noi, road to Anlong Vaeng, light trap, 29.v.2003, J. Constant & K. Smets, 1.

REMARKS: New record for Cambodia.

DISTRIBUTION: Cambodia, Vietnam, China.

**57. *Monolepta gisionica* KIMOTO**

SPECIMENS EXAMINED: THAILAND: Loei, Na Hao, FIRS, 15-19.v.2003, light trap, J. Constant, K. Smets & P. Grootaert, 1. CAMBODIA: Phnom Kulen, 24-25.v.2003, J. Constant & K. Smets, 1.

REMARKS: New record for Thailand.

DISTRIBUTION: Thailand, Cambodia, Laos.

**58. *Monolepta kemboja* MOHAMEDSAID & CONSTANT, n. sp.**

DISTRIBUTION: Cambodia.



**59. *Monolepta leechii* JACOBY**

SPECIMEN EXAMINED: THAILAND: Loei, Na Hao, FIRS, 5-12.v.2001, light trap, J. Constant & P. Grootaert, 1.  
DISTRIBUTION: Thailand, Laos, Vietnam, China, Taiwan.

**60. *Monolepta lunata* GRESSITT & KIMOTO**  
(Plate 1 I)

SPECIMEN EXAMINED: THAILAND: Loei, Na Hao, 5-12.v.2001, J. Constant & P. Grootaert, 1.  
REMARKS: New record for Thailand.  
DISTRIBUTION: Thailand, Hainan.

**61. *Monolepta miyatakei* KIMOTO**

SPECIMENS EXAMINED: CAMBODIA: Kirirom N.P., light trap, pine forest, 21.iv.2005, K. Smets & Var, 3 (RBINS), 1(UKM).  
DISTRIBUTION: Thailand, Cambodia.

**62. *Monolepta nigrifrons* (ALLARD)**

SPECIMENS EXAMINED: THAILAND: Loei, Na Hao, 31.v.-6.vi.1999, P. Grootaert, 1; 6-13.viii.1999, P. Grootaert, 1. Na Hao, FIRS, 7-14.v.2000, Malaise trap, Constant & Grootaert, 1. Na Hao, 23.v.2000, P. Grootaert, 3; 25.v.2000, P. Grootaert, 1; 26.v.2000, P. Grootaert, 1; 27.v.2003, P. Grootaert, 1.  
DISTRIBUTION: Thailand, Laos, Vietnam.

**63. *Monolepta nigripes* (ILLIGER)**

SPECIMENS EXAMINED: THAILAND: Loei, Na Hao, FIRS, 15-18.v.2003, banana trap, J. Constant & K. Smets, 5 (RBINS), 1 (UKM). CAMBODIA: Angkor Thom, 23.v.2003, J. Constant, P. Grootaert & K. Smets, 1. Preah Khan, Angkor Thom, 26.vii.2004, P. Grootaert, 1. Siem Reap, Angkor Thom, forest, 5.vi.2005, Var & Haghebaert, 3; 9.vi.2005, Var & Haghebaert, 1. Siem Reap, Kbal Spean, 28.v.2005, I. Var & P. Grootaert, 8 (RBINS), 2 (UKM); 28-29.v.2000, I. Var & P. Grootaert, 1.  
DISTRIBUTION: India, Sri Lanka, Myanmar, Thailand, Cambodia, Laos, Vietnam, Malaysia, Sumatra, Java, Borneo, Philippines, Celebes.

**64. *Monolepta nigrotibialis* (ALLARD)**

SPECIMEN EXAMINED: CAMBODIA: Kbal Spean (ACCB), Phnom Kulen N.P., 24.vii.2004, P. Grootaert, 1.  
REMARKS: New record for Cambodia.

DISTRIBUTION: Cambodia, Laos, Vietnam.

**65. *Monolepta oculata* WEISE**  
(Plate 2 A)

SPECIMEN EXAMINED: THAILAND: Loei, Na Hao, 25.v.2000, P. Grootaert, 1.  
REMARKS: New record for Thailand.  
DISTRIBUTION: Thailand, Myanmar.

**66. *Monolepta pallidula* (BALY)**

SPECIMEN EXAMINED: CAMBODIA: Prek Toal, Tonle Sap Lake, 27.v.2003, light trap, J. Constant, K. Smets & P. Grootaert, 1.  
REMARKS: New record for Cambodia.  
DISTRIBUTION: Thailand, Cambodia, Laos, Vietnam, China, Taiwan, Japan.

**67. *Monolepta pseudosignata* KIMOTO**

SPECIMEN EXAMINED: THAILAND: S. Thailand, Surat Thani, 27.viii.1976, Pauly, 1.  
REMARKS: New record for Thailand.  
DISTRIBUTION: Thailand, Laos, Vietnam.

**68. *Monolepta quatei* KIMOTO**

SPECIMEN EXAMINED: CAMBODIA: Kbal Spean (ACCB), Phnom Kulen N.P., 24.vii.2004, P. Grootaert, 1. Prek Toal, Angkor Thom, 27.vii.2004, P. Grootaert, 1.  
REMARKS: New record for Cambodia.  
DISTRIBUTION: Thailand, Cambodia, Laos, Vietnam.

**69. *Monolepta scripta* (MOTSCHULSKY)**

SPECIMENS EXAMINED: CAMBODIA: Prek Toal, Tonle Sap Lake, 3-7.iii.2003, Malaise trap, F. Goes, 3 (RBINS), 1(UKM); 27-28.v.2003, J. Constant, K. Smets & P. Grootaert, 1. Siem Reap, Sam Vaesna Center, Malaise trap, in garden, 8-10.x.2003, F. Goes, 1; 15-31.i.2004, F. Goes, 1.  
REMARKS: New record for Cambodia.  
DISTRIBUTION: India, Sri Lanka, Myanmar, Cambodia, Laos, Vietnam.

**70. *Monolepta severini* (JACOBY)**

SPECIMENS EXAMINED: THAILAND: Rayong, Ko Samet, 20.v.2001, P. Grootaert, 1. CAMBODIA: Kirirom N. P., light trap, pine forest, 21.iv.2005, Smets & Var, 5 (RBINS), 1 (UKM).

REMARKS: New record for Cambodia.

DISTRIBUTION: India, Myanmar, Thailand, Cambodia, Laos, Vietnam.

**71. *Monolepta sexlineata* CHUJO**

SPECIMEN EXAMINED: CAMBODIA: Prek Toal, Tonle Sap Lake, 27.v.2003, light trap, J. Constant, K. Smets & P. Grootaert, 1.

DISTRIBUTION: India, Nepal, Thailand, Cambodia, Laos, Vietnam, China, Taiwan.

**72. *Monolepta signata* (OLIVIER)**

SPECIMENS EXAMINED: THAILAND: Loei, Na Hao, FIRS, 5.xii.2001, light trap, Constant & Grootaert, 1. Na Hao, FIRS, 15-19.v.2003, light trap, J. Constant, K. Smets & P. Grootaert, 1. S. Thailand, Betong, 7.viii.1976, Pauly, 2. Hat Yai, 29.vii.1976, Pauly, 1. Surat Thani, 27.viii.1976, Pauly, 4 (RBINS), 1 (UKM). Phuket, 15.vii.1976, Pauly, 1; 20.vii.1976, Pauly, 1. Yala, 3.viii.1976, Pauly, 2. W. Thailand, Kanchanaburi, 7.ix.1976, A. Pauly, 1. Koh Samed Island, 15-17.v.2001, Constant & Grootaert, 2. CAMBODIA: Prek Toal, Tonle Sap Lake, 27.v.2003, light trap, J. Constant, K. Smets & P. Grootaert, 1 (RBINS), 1 (UKM). Prek Toal, Angkor Thom, 27.vii.2004, P. Grootaert, 1. Siem Reap, road to Angkor, 22.v.2003, light trap, J. Constant & K. Smets, 1. Siem Reap, Angkor Thom, 9.vi.2005, I. Var & G. Haghebaert, 1.

DISTRIBUTION: India, Nepal, Sri Lanka, Myanmar, Thailand, Cambodia, Vietnam, China, Malaysia, Java.

**73. *Monolepta subfasciata* KIMOTO**

SPECIMENS EXAMINED: CAMBODIA: Preah Kahn Temple, 31.v.2003, light trap, J. Constant & K. Smets, 1. Kbal Spean (ACCB), Phnom Kulen NP, 24.vii.2004, P. Grootaert, 1.

REMARKS: New record for Cambodia.

DISTRIBUTION: Cambodia, Vietnam.

**74. *Monolepta submarginata* WEISE**

SPECIMEN EXAMINED: THAILAND: Loei, Na Hao Khong Tok, 19.v.2003, P. Grootaert, 1.

REMARKS: New record for Thailand.

DISTRIBUTION: Myanmar, Thailand.

**75. *Monolepta tarsalis* (JACOBY)**

SPECIMEN EXAMINED: CAMBODIA: Prek Toal, Tonle Sap

Lake, 27.v.2003, light trap, J. Constant, K. Smets & P. Grootaert, 1.

REMARKS: New record for Cambodia.

DISTRIBUTION: Myanmar, Cambodia.

**76. *Monolepta testacea* (JACOBY)**

SPECIMENS EXAMINED: THAILAND: Loei, Na Hao, 25.v.2000, P. Grootaert, 1. CAMBODIA: 8 Km north of Sre Noi, road to Along Vaeng, 29.v.2003, light trap, J. Constant & K. Smets, 10 (RBINS), 4 (UKM).

REMARKS: New record for Cambodia.

DISTRIBUTION: India, Thailand, Cambodia.

**77. *Monolepta xanthodera* CHEN  
(Plate 2 B)**

SPECIMEN EXAMINED: CAMBODIA: Siem Reap, Angkor site, light trap, 13.v.2005, Var & Haghebaert, 1.

REMARKS: New record for Cambodia.

DISTRIBUTION: Cambodia, China.

**78. *Monolepta zonalis* GRESSITT & KIMOTO  
(Plate 2 D)**

SPECIMENS EXAMINED: THAILAND: Loei, Na Hao, FIRS, 15-19.v.2003, light trap, J. Constant, K. Smets & P. Grootaert, 17 (RBINS) 2 (UKM).

REMARKS: New record for Thailand and the most beautiful species of the genus from the region.

DISTRIBUTION: Thailand, Laos, Vietnam, China.

**79. *Monolepta zonula* WEISE**

SPECIMEN EXAMINED: CAMBODIA: Siem Reap, 8 Km North of Sre Noi, road to Anlong Vaeng, light trap, 29.v.2003, J. Constant & K. Smets, 1.

DISTRIBUTION: Cambodia, Laos, Myanmar.

**80. *Oides andrewesi* JACOBY**

SPECIMENS EXAMINED: THAILAND: Loei, Na Hao, 31.v.-6.vi.1999, P. Grootaert, 1. Na Hao, FIRS, secondary forest, 5-12.v.2001, J. Constant & P. Grootaert, 5 (RBINS), 1 (UKM). Kanchanaburi, 7.ix.1976, A. Pauly, 2.

DISTRIBUTION: India, Myanmar, Thailand, Cambodia, Laos, Vietnam, China, Taiwan.

**81. *Oides duodecimpunctatus* (CLARK)**

SPECIMEN EXAMINED: CAMBODIA: 8 Km N of Sre Noi,

road to Anlong Vaeng, 29-30.v.2003, dipterocarp forest,  
J. Constant & K. Smets, 1.

REMARKS: New record for Cambodia.

DISTRIBUTION: Thailand, Cambodia.

**82. *Paleosepharia feae* (JACOBY)**

(Plate 2 C)

SPECIMEN EXAMINED: CAMBODIA: Siem Reap Prov.,  
Angkor Thom Temple, 28.vi.2005, hand catch, J.  
Goossens, 1.

REMARKS: New record for Cambodia.

DISTRIBUTION: Myanmar, Cambodia, Malaysia.

**83. *Paleosepharia joliveti* MOHAMEDSAID & CONSTANT,  
n. sp.**

DISTRIBUTION: Cambodia.

**84. *Paleosepharia scutellaris* KIMOTO**

SPECIMENS EXAMINED: THAILAND: S. Thailand, Samui  
Island, 25.viii.1976, Pauly, 1. S. Thailand, Yala,  
3.viii.1976, Pauly, 1.

DISTRIBUTION: Thailand, Cambodia, Laos, Vietnam.

**85. *Paleosepharia tenasserimensis* (MAULIK)**

(Plate 1 G)

SPECIMENS EXAMINED: THAILAND: Loei, Na Hao,  
24.v.1998, P. Grootaert, 1; 23.v.2000, P. Grootaert,  
8 (RBINS), 2 (UKM). Na Hao, FIRS, 5.xii.2001,  
secondary forest, Constant & Grootaert, 2. Na Hao,  
FIRS, 17.v.2003, P. Grootaert, 1. Huai Sat Yai,  
20.iii.2001, secondary forest, P. Grootaert, 1. Thap-  
Sakae, 2.ix.1976, Pauly, 1.

DISTRIBUTION: Myanmar, Thailand.

**86. *Palpoxena coeruleipennis* (BALY)**

SPECIMEN EXAMINED: THAILAND: Loei, Na Hao,  
FIRS, 15-19.v.2003, light trap, J. Constant, K. Smets &  
P. Grootaert, 1.

DISTRIBUTION: Myanmar, Thailand, Cambodia, Laos.

**87. *Paridea subviridis* LABOISSIÈRE**

SPECIMEN EXAMINED: CAMBODIA: 8 Km N of Sre Noi,  
road to Anlong Vaeng, 29-30.v.2003, dipteroc forest, J.  
Constant & K. Smets, 1.

REMARKS: New record for Cambodia.

DISTRIBUTION: Cambodia, Vietnam.

**88. *Pseudeustetha hirsuta* (JACOBY)**

SPECIMENS EXAMINED: THAILAND: Loei, Na Hao,  
23.v.1998, P. Grootaert, 1. Na Hao, 25.v.2000, P.  
Grootaert, 1. Na Hao, Khiring Tok, 19.v.2003, P.  
Grootaert, 1.

DISTRIBUTION: India, Myanmar, Thailand, Cambodia,  
Laos, Malaysia.

**89. *Pseudocophora flaveola* BALY**

SPECIMENS EXAMINED: CAMBODIA: Siem Reap, Angkor  
Thom, 25.vii.2004, P. Grootaert, 2; 30.vii.2004, P.  
Grootaert, 1.

REMARKS: New record for Cambodia.

DISTRIBUTION: India, Myanmar, Thailand, Cambodia,  
Laos, Vietnam.

**90. *Pseudocophora nitens* ALLARD**

SPECIMEN EXAMINED: THAILAND: S. Thailand,  
Phetchaburi, 3.ix.1976, A. Pauly, 1.

DISTRIBUTION: Thailand, Laos, Vietnam, Sumatra.

**91. *Pseudoides flavovittis* (MOSTCHULSKY)**

SPECIMENS EXAMINED: THAILAND: S. Thailand, Yala,  
3.viii.1976, Pauly, 15 (RBINS), 4 (UKM). Phuket,  
15.vii.1976, Pauly, 1. Phetchaburi, 3.ix.1976, Pauly,  
3. W. Thailand, Kanchanburi, 7.ix.1976, Pauly, 1. S.  
Thailand, Phuket Is., 15.vii.1976, Pauly, 3.

DISTRIBUTION: Nepal, Bhutan, Myanmar, Thailand,  
Cambodia, Laos, Vietnam.

**92. *Sastroides birmanicus* JACOBY**

SPECIMEN EXAMINED: THAILAND: Loei, Na Hao,  
FIRS, 15-19.v.2003, J. Constant & K. Smets, 1.

REMARKS: New record for Thailand.

DISTRIBUTION: Myanmar, Thailand, Laos.

**93. *Sastroides dohertyi* (MAULIK)**

SPECIMEN EXAMINED: THAILAND: Kanchanaburi, Sai  
Yok N. P., 4-5.vi.2003, J. Constant & K. Smets, 1.

REMARKS: New record for Thailand.

DISTRIBUTION: Myanmar, Thailand, Laos.

**94. *Sermyloides coomani* LABOISSIÈRE**

SPECIMENS EXAMINED: THAILAND: Loei, Na Hao,  
24.v.1998, P. Grootaert, 1.

DISTRIBUTION: Thailand, Laos, Vietnam.

**95. *Sinoluperoides major* KIMOTO**

SPECIMEN EXAMINED: CAMBODIA: Siem Reap, Angkor Thom, forest, 14.vi.2005, Var & Haghebaert, 1.

REMARKS. New record for Cambodia.

DISTRIBUTION: Cambodia, Vietnam.

**96. *Sinoluperoides marginalis* KIMOTO**

SPECIMEN EXAMINED: THAILAND: Loei, Na Hao, 26.v.2000, P. Grootaert, 1.

REMARKS: New record for Thailand.

DISTRIBUTION: Thailand, Vietnam.

**97. *Taphinella nigripennis* JACOBY**

SPECIMENS EXAMINED: THAILAND: Loei, Na Hao, 23.v.2000, P. Grootaert, 1. Na Hao, FIRS, 5.xii.2001, secondary forest, Constant & Grootaert, 2. Na Hao, 25.v.2000, 3. CAMBODIA: Angkor Thom, 23.v.2003, sweeping, J. Constant, K. Smets & P. Grootaert, 9 (RBINS), 2 (UKM). Siem Reap, Kbal Spean, 28-29.v.2005, 2, I. Var & P. Grootaert, 2. Siem Reap, Angkor Thom, forest, 14.vi.2005, Var & Haghebaert, 1.

REMARKS: New record for Cambodia.

DISTRIBUTION: Myanmar, Thailand, Cambodia, Laos, Vietnam, China.

**98. *Taumacera indica* (JACOBY), n. comb.  
(Plate 2 E-F)**

*Dorydea indica* JACOBY, 1889, Ann. Mus. Civ. Genova, 27: 231 (Burma).

*Platyxantha indica*: MAULIK, 1936, Fauna India, Galeruc.: 589.- KIMOTO, 1989, Esakia, Kyushu Univ., (27): 202 (Thailand, Laos, Vietnam).

SPECIMENS EXAMINED: THAILAND: Loei, Na Hao, FIRS, 5-12.v.2001, light trap, Constant & Grootaert, 8; 15-19.v.2003, light trap, J. Constant, K. Smets & P. Grootaert, 20 (RBINS), 4 (UKM). Na Hao, edge pond, light trap, 17.v.2003, J. Constant & K. Smets, 1. Na Hao, 23.v.1998, P. Grootaert, 1.

REMARKS: This species shows two colour variations, with one of the variant deep purplish blue and the other brownish.

DISTRIBUTION: Thailand, Laos, Vietnam.

**99. *Taumacera occipitalis* (LABOISSIÈRE), n. comb.  
(Plate 2 G-H)**

*Paraenidea occipitalis* LABOISSIÈRE, 1933, Ann. Soc. Ent. France, 102: 70 (Tonkin).

*Platyxantha occipitalis*: KIMOTO, 1989, Esakia, Kyushu Univ., (27): 203.

SPECIMENS EXAMINED: THAILAND: Loei, Na Hao, 25.v.2000, P. Grootaert, 1; Na Hao (riverbanks), 5-12.v.2001, Constant & Grootaert, 2. Na Hao, FIRS, 5-12.v.2001, light trap, Constant & Grootaert, 2. Na Hao, FIRS, light trap, 15-19.v.2003, J. Constant, K. Smets & P. Grootaert, 7 (RBINS), 2 (UKM). Na Hao, Khiring Tok, 19.v.2003, P. Grootaert, 1.

REMARKS: New record for Thailand. This species also shows two colour variations, deep purplish blue and brownish.

DISTRIBUTION: Thailand, Vietnam.

**100. *Taumacera variceps* (LABOISSIÈRE), n. comb.  
(Plate 2 I)**

*Platyxanthoides variceps* LABOISSIÈRE, 1933, Ann. Soc. Ent., France, 102: 71 (Tonkin).

*Platyxantha variceps*: KIMOTO, 1989, Esakia, Kyushu Univ., (27): 203 (Vietnam).

SPECIMENS EXAMINED: THAILAND. Loei, Na Hao, 27.v.2000, P. Grootaert, 1. Na Hao, FIRS, 15-19.v.2003, light trap, J. Constant, K. Smets & P. Grootaert, 2. Na Hao, FIRS, 16.v.2003, P. Grootaert, 1; 17.v.2003, P. Grootaert, 1 (UKM). Na Hao, Khiring Tok, 19.v.2003, P. Grootaert, 2.

REMARKS: New record for Thailand.

DISTRIBUTION: Thailand, Vietnam.

**101. *Theopea bicolor* KIMOTO**

SPECIMENS EXAMINED: THAILAND: Loei, Na Hao, Chang Tok, 17.v.2003, P. Grootaert, 3 (RBINS), 2 (UKM). Na Hao, Khiring Tok, 19.v.2003, P. Grootaert, 3.

REMARKS: New record for Thailand.

DISTRIBUTION. Thailand, Laos, Vietnam.



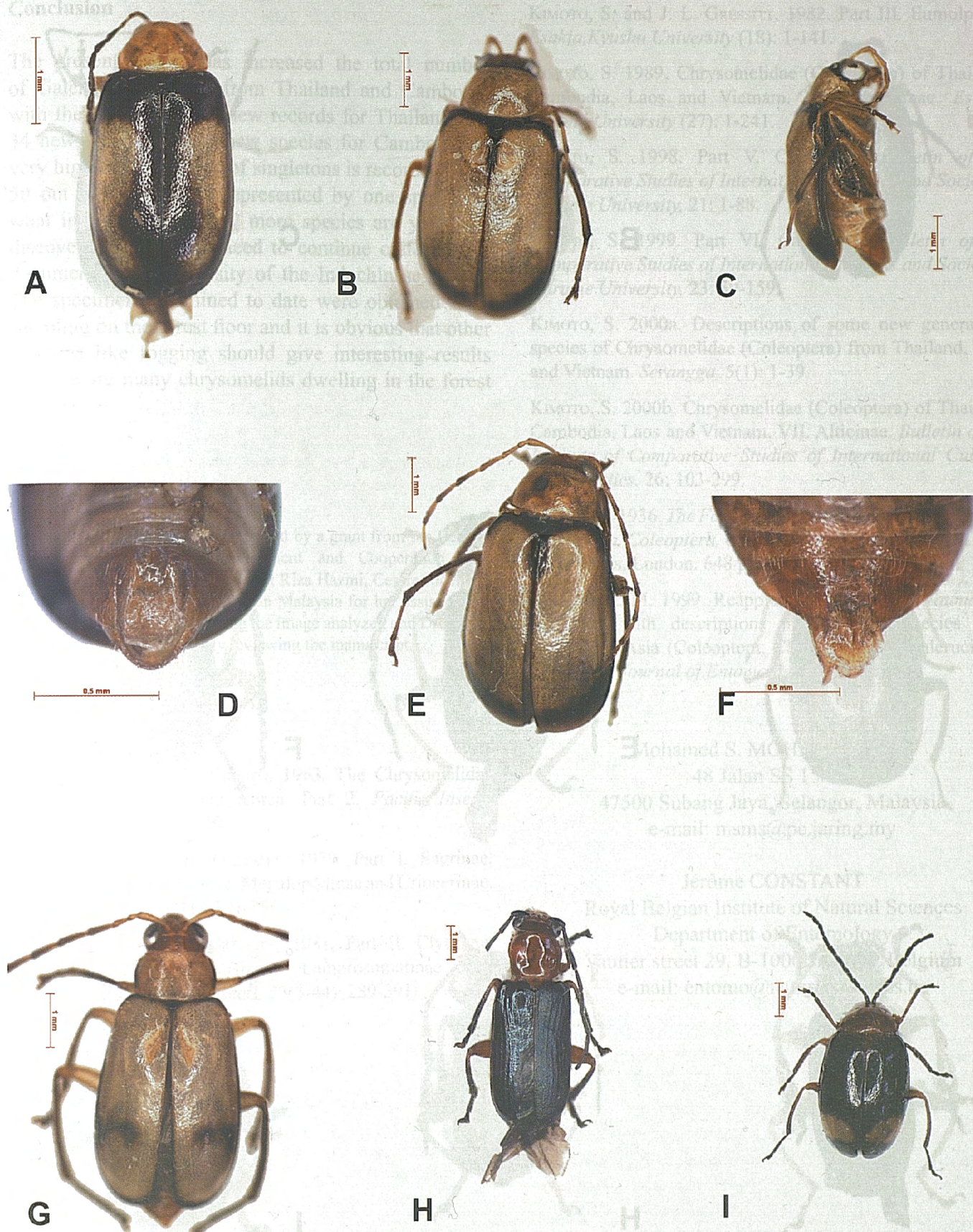


Plate 1 — A. *Monolepta kemboja* ♀. B. *Paleosepharia joliveti* ♂. C. *P. joliveti* ♂, lateral view. D. *P. joliveti* ♂, apical sternite, ventral view. E. *P. joliveti* ♀. F. *P. joliveti* ♀, apical sternite, ventral view. G. *P. tenasserimensis*. H. *Hypaenia submetallica*. I. *Monolepta lunata*.



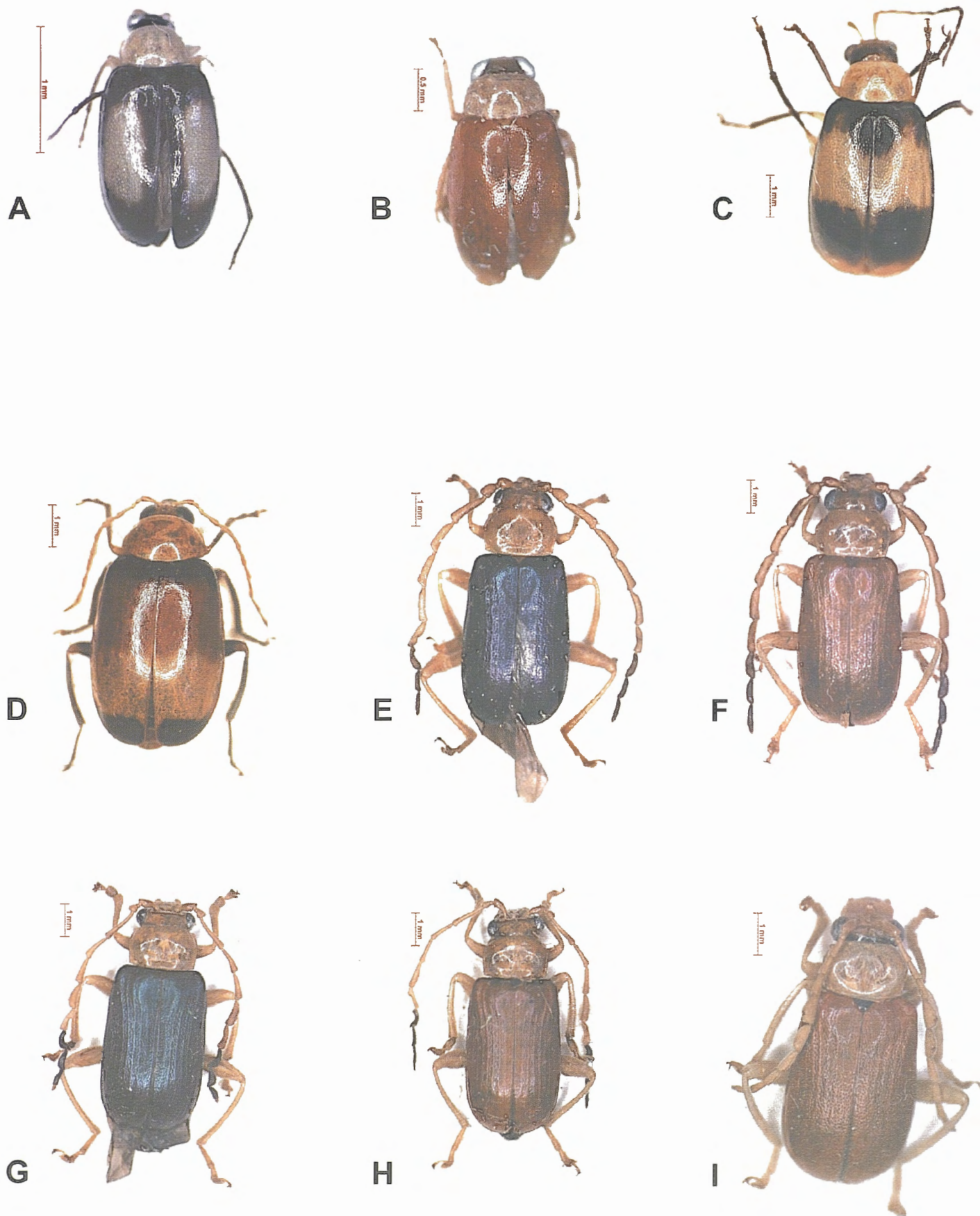


Plate 2 — A. *Monolepta oculata*. B. *M. xanthodera*. C. *Paleosepharia feae*. D. *Monolepta zonalis*. E. *Taumacera indica*. F. *T. indica*. G. *T. occipitalis*. H. *T. occipitalis*. I. *T. variceps*.

## Conclusion

The present survey has increased the total number of Galerucinae known from Thailand and Cambodia with the addition of 18 new records for Thailand and 34 new records plus 2 new species for Cambodia. A very high representation of singletons is recorded, with 50 out of 101 species represented by one specimen, what indicates that many more species are yet to be discovered. There is a need to continue collecting to document the biodiversity of the Indochinese region. The specimens examined to date were obtained from sampling on the forest floor and it is obvious that other methods like fogging should give interesting results as there are many chrysomelids dwelling in the forest canopy.

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